

SFP+ DIRECT ATTACH COPPER CABLES (PASSIVE)

The Small Form-factor Pluggable (SFP or SFP+) transceiver is a compact input/output transceiver used in data communication and telecommunications networks. SFPs provide interfaces between switches, routers, and servers by converting their signals from electrical to optical, then from optical back to electrical. SFP transceivers commonly use fiber patch cords or trunks terminated with duplex LC connectors.

However, for shorter distances a SFP+ Direct-Attach Copper (DAC) cables can be used. This cable assembly plugs directly into equipments' SFP+ ports eliminating the transceiver and fiber optic cable.

SFP+ DAC cables can be either passive or active.

CompuLink stocks Passive assemblies in the following lengths:

SFP+-1030-.5M	½ Mtr. 30 Ga. Wire
SFP+-1028-1M	1 Mtr. 28 Ga. Wire
SFP+-1028-1.5M	1 ½ Mtr. 28 Ga. Wire
SFP+-1028-2M	2 Mtr. 28 Ga. Wire
SFP+-1028-3M	3 Mtr. 28 Ga. Wire
SFP+-1024-5M	5 Mtr. 24 Ga. Wire



Compatibility: While most equipment vendors currently allow the use of 3rd party multi-source agreement (MSA), SFF-8431, SFF-8432 and SFF-8472 compliant SFP+ DAC cables, there are exceptions. Equipment built with non-MSA compliant or non up-to-date ports may not be compatible with MSA compliant cable assemblies. Additionally, some equipment vendors incorporate a lock-out feature that requires a specific code be stored on the EEPROM (electrically erasable programmable read-only memory) located inside SFP+ DAC cable's connector. Originally implemented to ensure authorized optical transceivers and DAC cables were used with a particular vendor's equipment, most vendors have removed EEPROM lock-out from their equipment. However, not all have eliminated the need for vendor specific SFP+ DAC cables.

All SFP+ and QSFP+ cables are Manufactured in China.



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QSFP+

While SFP+ transceivers are single channel devices, Quad Small Form-factor Pluggable (QSFP+) transceivers are, as their name suggests, four channel devices. QSFP+ transceivers are typically designed to accept MTP/MPO fiber optic cable assemblies.

Just like SFP+, there are both active and passive QSFP+ Direct-Attach Copper cables that connect equipments' QSFP+ ports. There is also a hybrid version of QSFP+ DAC cables, which connects a single QSFP+ port to four SFP+ ports.



CompuLink stocks the following lengths of QSFP+ Cables:

QSFP+ to QSFP+ Cables	
QSFP+-1028-1M	1 Mtr. 28 Ga. Wire
QSFP+-1028-2M	2 Mtr. 28 Ga. Wire
QSFP+-1028-3M	3 Mtr. 28 Ga. Wire
QSFP+-1026-5M	5 Mtr. 26 Ga. Wire

QSFP+ to 4 by SFP+ Connectors	
Q4SFP+-1028-1M	1 Mtr. 28 Ga. Wire
Q4SFP+-1028-2M	2 Mtr. 28 Ga. Wire
Q4SFP+-1028-3M	3 Mtr. 28 Ga. Wire

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